MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MARCH, 1932

J. A. BROWN, DIRECTOR

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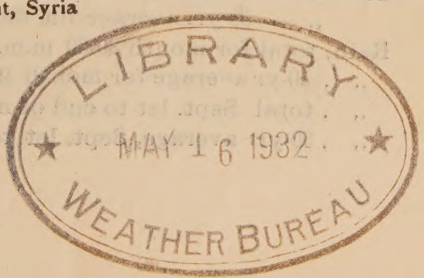

MARCH 1932
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm+...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	60.6	59.9	60.1	60.2	17.6	12.7	14.9	16.7	14.7	15.4
2	1.5	63.3	3.8	2.9	14.7	11.0	11.0	10.6	9.4	10.3
3	5.2	5.1	4.5	4.9	15.2	8.3	11.7	12.4	10.8	11.6
4	3.9	2.1	0.2	2.1	16.8	7.9	12.5	15.8	14.6	14.3
5	59.8	59.4	59.2	59.5	20.8	12.1	16.3	19.5	16.5	17.4
6	62.5	62.9	63.8	63.1	19.4	13.9	16.9	16.2	15.8	16.3
7	3.9	3.4	3.5	3.6	20.2	13.1	17.1	19.1	15.6	17.3
8	1.3	57.7	55.8	58.5	25.9	15.1	19.7	24.6	20.8	21.7
9	59.7	60.1	61.9	60.6	23.2	16.9	18.3	17.3	14.9	16.8
10	63.5	3.7	2.5	3.2	18.8	12.6	16.4	18.1	13.6	16.0
11	65.6	64.9	64.6	65.0	18.4	11.7	16.1	17.6	15.3	16.3
12	4.4	3.8	3.7	4.0	18.3	13.9	15.7	17.9	14.3	16.0
13	3.1	2.1	2.1	2.4	19.4	11.4	15.9	18.4	15.6	16.6
14	2.8	2.2	2.6	2.5	19.2	12.4	16.8	17.9	15.6	16.8
15	2.4	2.3	2.4	2.4	20.0	12.4	17.1	19.2	15.7	17.3
16	63.2	62.3	62.2	62.6	19.8	13.2	17.8	19.0	15.1	17.3
17	2.3	1.1	2.3	2.1	19.9	12.9	16.9	19.3	15.2	17.1
18	4.5	4.4	4.2	4.4	20.1	13.2	16.7	19.6	15.1	17.1
19	4.6	3.8	3.2	3.9	20.8	14.0	16.8	19.4	16.6	17.6
20	2.4	1.4	3.6	2.5	22.2	13.8	15.4	21.0	16.1	17.5
21	59.5	58.1	57.2	58.3	24.4	14.3	18.4	23.3	18.8	20.2
22	5.3	6.3	7.3	6.3	24.3	18.2	21.9	20.6	16.7	19.7
23	6.8	6.1	7.0	6.6	20.8	14.4	18.0	19.2	15.8	17.7
24	8.2	9.3	60.4	9.3	20.0	13.1	17.1	16.6	15.3	16.3
25	60.4	9.9	0.4	60.2	20.0	12.8	17.1	17.2	13.3	15.9
26	62.9	63.6	64.5	63.7	16.7	11.4	12.9	15.3	13.6	13.9
27	5.8	5.5	6.1	5.8	18.3	12.2	15.5	18.2	15.3	16.3
28	4.6	2.3	59.5	62.1	19.7	10.2	16.2	18.2	16.5	17.6
29	54.9	57.3	7.4	56.5	18.3	10.1	16.8	15.7	13.1	15.2
30	62.1	62 4	63.0	62.5	18.3	12.2	14.2	16 6	12.1	14.3
31	1.9	1.2	2.3	1.8	17.9	10.5	13.5	15.8	12.8	13.7
	61 92	61.54	61.65	61.75	19.64	12.64	16.15	17.94	14.99	16.35

Barometer, Range for month 754.9-766.1 m.m.

,, 50-yr. average for month 761.163 m.m.

Thermometer. Range for month 7°.9-25°.9 C.

,, 50-yr. average for month 16.19 C.

Rain, total for month 30.30 m.m.

,, , 50-yr average for month 98.30 m.m.

,, , total Sept. 1st to end of month 504.01 m.m.

,, , 50-yr. average, Sept. 1st to end of month. 826.02 m.m

MARCH 1932

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	12.3	13.8	11.5	9.1	10.0	8.4	9.2	73	72	67	71	8.0	4.69
2	8.8	5.7	4.6	7.3	4.8	4.4	5.5	76	51	51	59	4.5	
3	7.1	8.3	7.4	5.5	6.3	6.0	5.9	54	58	63	58	10.0	
4	9.6	11.5	11.2	7.4	7.8	8.1	7.8	69	59	66	65	5.3	
5	12.3	14.8	14.8	8.4	9.9	11.5	9.8	62	58	82	67	8.4	
6	13.9	15.9	14.4	10.0	13.3	11.3	11.5	70	97	85	84	10.0	
7	14.1	16.5	15.9	10.2	12.2	10.7	11.0	70	75	81	75	10.1	
8	14.7	16.0	14.1	9.6	9.1	8.5	6.1	56	40	47	48	10.5	
9	16.3	15.4	11.3	13.3	11.7	8.0	10.7	79	80	64	74	0.1	0.51
10	12.9	13.2	11.3	9.0	8.7	8.7	8.8	65	56	74	65	9.9	
11	12.5	14.1	12.9	8.8	9.8	9.6	9.4	65	66	74	68	11.0	
12	12.9	14.3	12.5	9.5	10.0	9.7	9.7	72	65	80	72	10.8	
13	12.9	11.4	12.8	9.3	6.9	9.4	8.5	69	44	72	62	9.0	
14	13.8	15.1	14.3	10.0	11.0	11.4	10.8	71	72	87	77	8.6	
15	14.4	16.7	14.4	10.6	12.5	11.3	11.5	74	76	85	78	8.6	
16	15.2	15.8	13.8	11.2	11.3	10.9	11.1	74	69	86	76	9.1	
17	14.6	16.1	10.9	10.9	11.6	7.4	10.0	76	69	59	68	9.5	
18	15.2	16.5	13.8	11.8	12.0	10.9	11.6	84	71	86	80	4.0	
19	14.3	16.3	15.5	10.5	11.7	12.4	11.5	74	70	88	77	9.4	
20	12.9	17.1	15.0	9.5	11.9	8.3	9.9	73	65	38	59	9.8	
21	14.3	18.7	15.5	9.7	13.0	11.0	11.2	62	61	70	64	9.8	
22	20.3	17.1	15.7	16.5	12.1	12.5	13.7	84	67	89	80	4.0	
23	10.6	15.7	13.3	6.2	11.1	9.9	9.1	41	68	74	61	7.1	
24	13.9	13.6	12.5	10.0	9.8	9.2	9.7	69	70	71	70	5.7	3.74
25	13.1	15.3	11.7	8.9	11.6	9.3	9.9	63	80	82	75	7.0	3.66
26	11.1	10.6	9.5	8.8	7.8	6.9	7.8	79	55	59	64	4.5	2.18
27	11.2	12.3	9.7	7.7	7.7	6.4	7.3	59	49	49	52	9.2	
28	12.1	12.8	14.0	8.3	8.2	10.4	9.0	61	52	74	62	8.0	
29	15.5	12.7	12.8	12.3	9.3	10.8	10.8	85	70	96	84	3.2	12.17
30	10.7	11 6	9.8	7.8	7.6	7.8	7.7	65	53	74	64	8 8	
31	11.5	11.9	11.5	9.5	8.2	9.3	9.0	88	62	85	78	1.0	3.35
	15.06	14.09	12.45	9.56	9.93	9.36	9 63	69.6	64.5	72.8	68.7	7.58	0.98

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.: above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

MARCH 1932

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:3	14:30	20:30	Km.		
1	5cu	2cu	4cu	3.7	1sw	1sw	2sw	446.1	mod.	
2	10stcu	3stcu	6stcu	6.3	2sw	1w	2w	434.0	stormy	
3	3stcu	6st	6st	5.0	1w	0	1ne	108.4	mod.	
4	10st	2ci	4stcu	5.3	0	0	0	48.8	calm	
5	2ci	6st	5stcu	4.3	0	0	0	98.4	light	
6	0	0	0	0.0	0	1n	1n	254.9	„	
7	0	0	0	0.0	0	0	0	87.5	calm	
8	0	0	5stcu	1.7	0	0	0	21.7	„	sirocco
9	10stcu	10stcu	10stcu	10.0	1sw	1sw	2sw	621.9	light	
10	3st	3ci	3ci	2.0	0	1w	0	208 2	mod.	
11	1cu	0	0	0.3	0	1sw	0	78.3	light	
12	0	0	0	0.0	1ne	1n	0	131.3	„	
13	2ci	1cu	2stcu	1.7	0	0	0	82.0	calm	
14	3ci	5stcu	6stcu	4.7	0	0	1ne	65.5	calm	
15	3ci	1cu	2cu	2.0	0	0	0	49.4	calm	
16	3stcu	1st	4stcu	2.7	0	0	0	40.2	calm	
17	1cu	1cu	1cu	1.0	0	0	0	22.4	calm	
18	6st	6st	4st	5.3	0	0	0	34.0	„	
19	0	0	0	0.0	0	0	0	56.8	„	
20	0	3st	3st	2.0	0	0	0	58.1	„	
21	2ci	0	3ci	1.7	0	0	0	29.3	„	
22	2st	10st	0	4.0	1sw	1sw	2sw	544.6	light	
23	2stcu	8stcu	3stcu	4.3	0	1w	2sw	419.9	light	
24	1stcu	9st	1stcu	3.7	1w	2sw	1s	569.6	light	
25	1cu	7ni	1stcu	3.0	2sw	2sw	1sw	702.2	stormy	
26	10st	4stcu	1stcu	5.0	2w	1w	1w	580.9	stormy	
27	3stcu	1stcu	0	1.3	1w	1w	0	180.5	slight	
28	0	2st	9st	3.7	0	1e	1ne	111.6	light	
29	9stcu	10stcu	10ni	9.7	1sw	2w	1w	508.9	mod.	
30	3stcu	1cu	0	1.3	1w	1w	0	121.5	mod.	
31	9st	10st	9ni	9.3	1sw	1w	0	520.1	„	li. & th. in north
				3.42	0.5	0.6	0.6	234.09		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	0	0	7	5	0	18
14:30	2	0	1	0	0	6	8	0	14
20.30	1	3	0	0	1	5	3	0	18
Totals	3	4	1	0	1	18	16	0	50

Number of days with rain 7, fog 0, thunderstorms 1, gales 0

50-yr average number of days with rain during month 10.9